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PATENT & TRADEMARK OFFICE

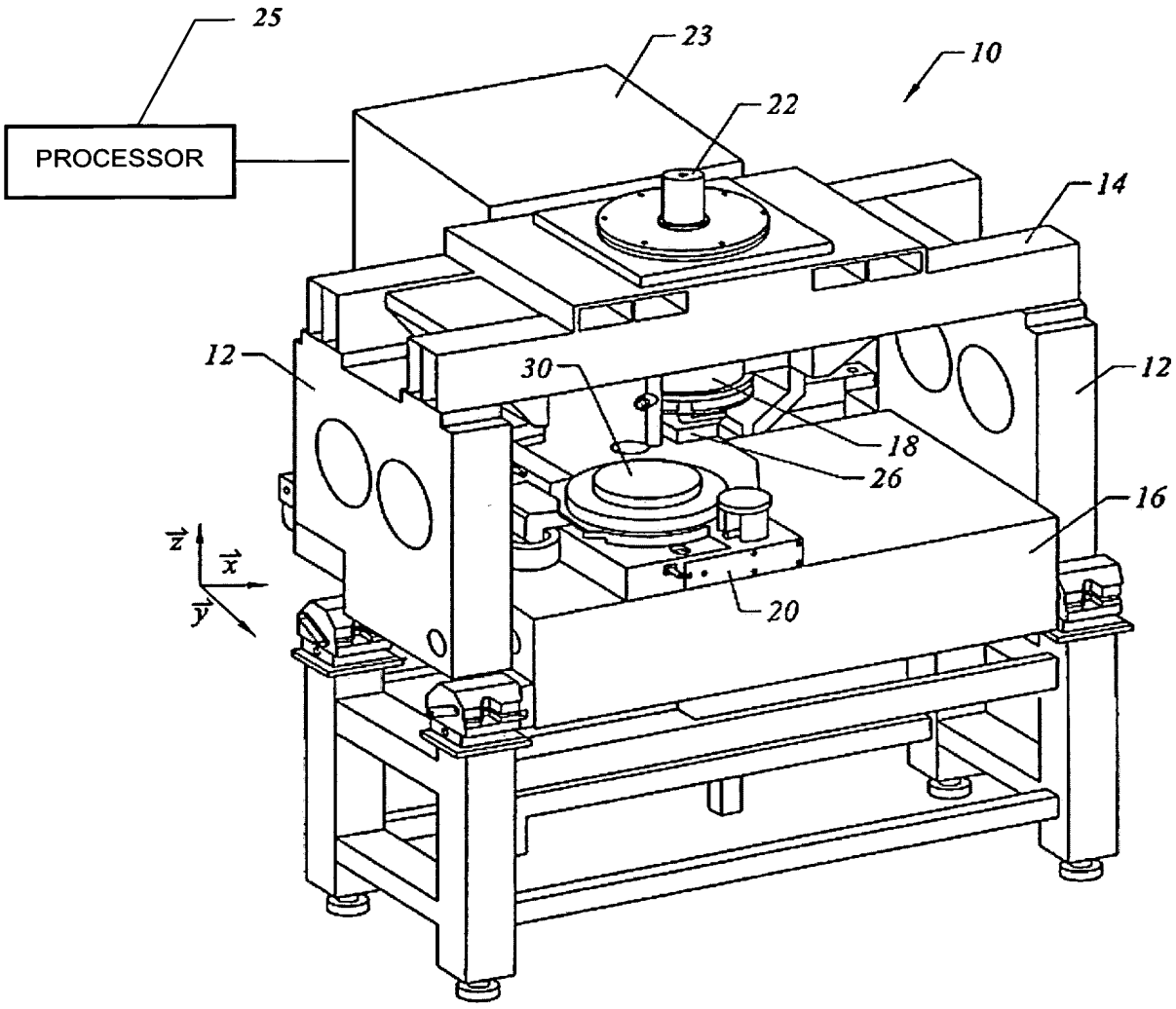


Fig. 1

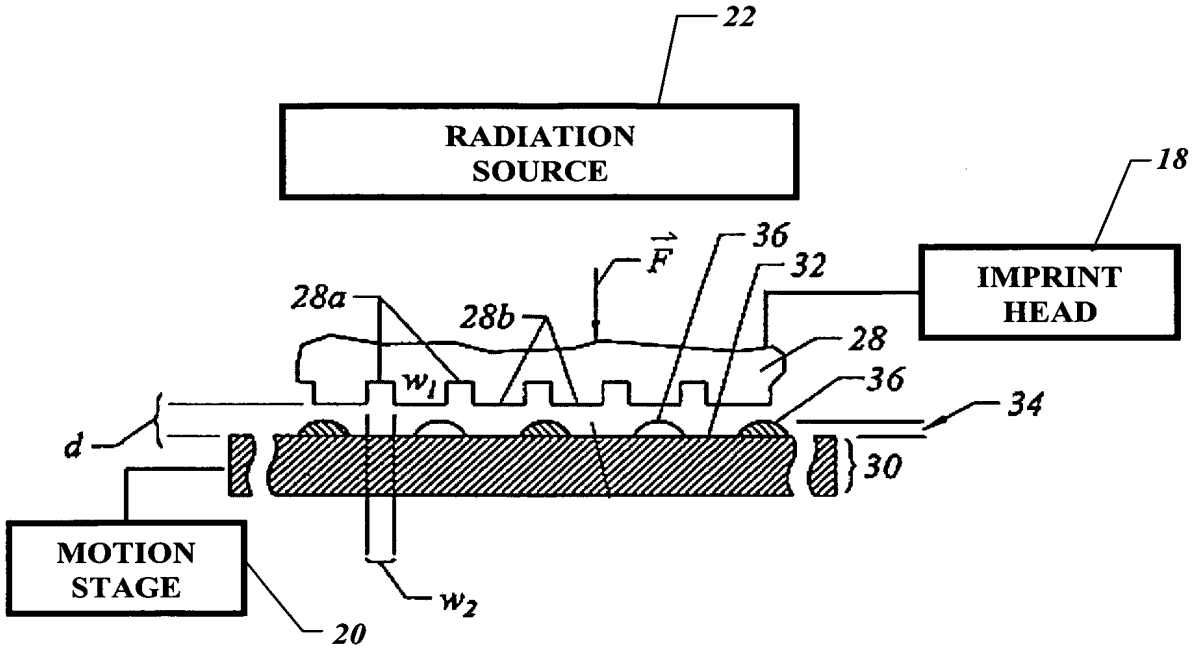

22
RADIATION SOURCE
18
IMPRINT HEAD
$\vec{F}$
36
32
28a
28b
28
36
34
w_1
d
30
MOTION STAGE
20
w_2

Fig. 2

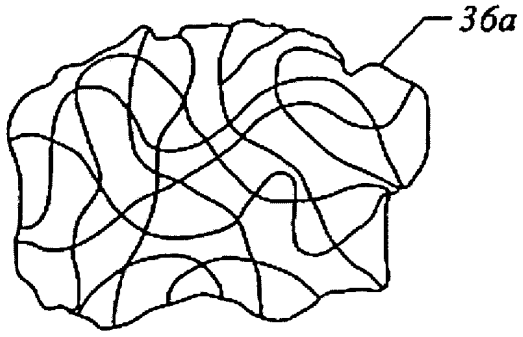

36a

Fig. 3

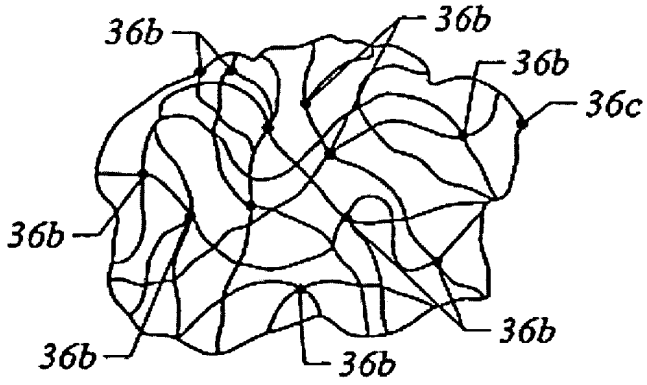


Fig. 4

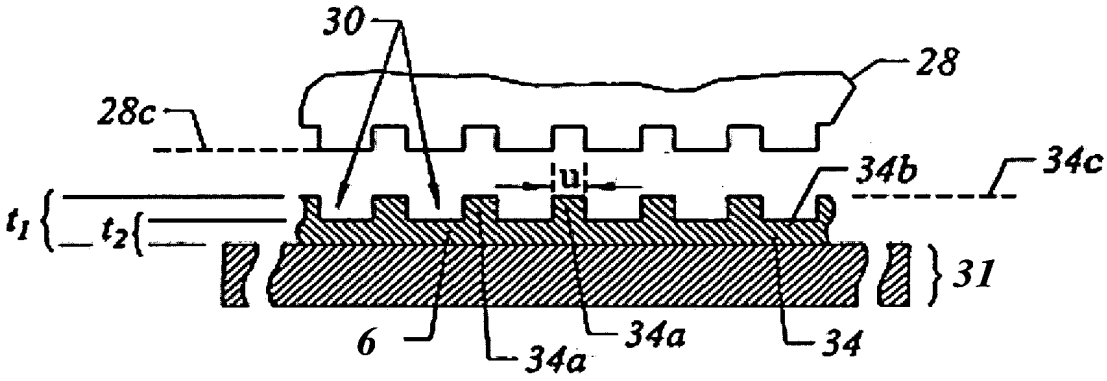


Fig. 5

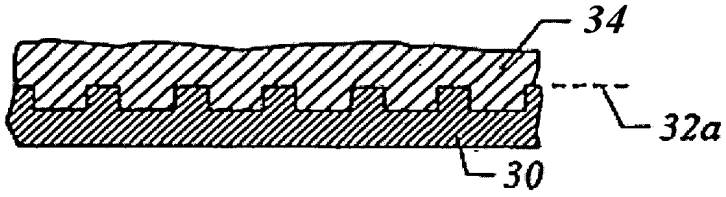


Fig. 6

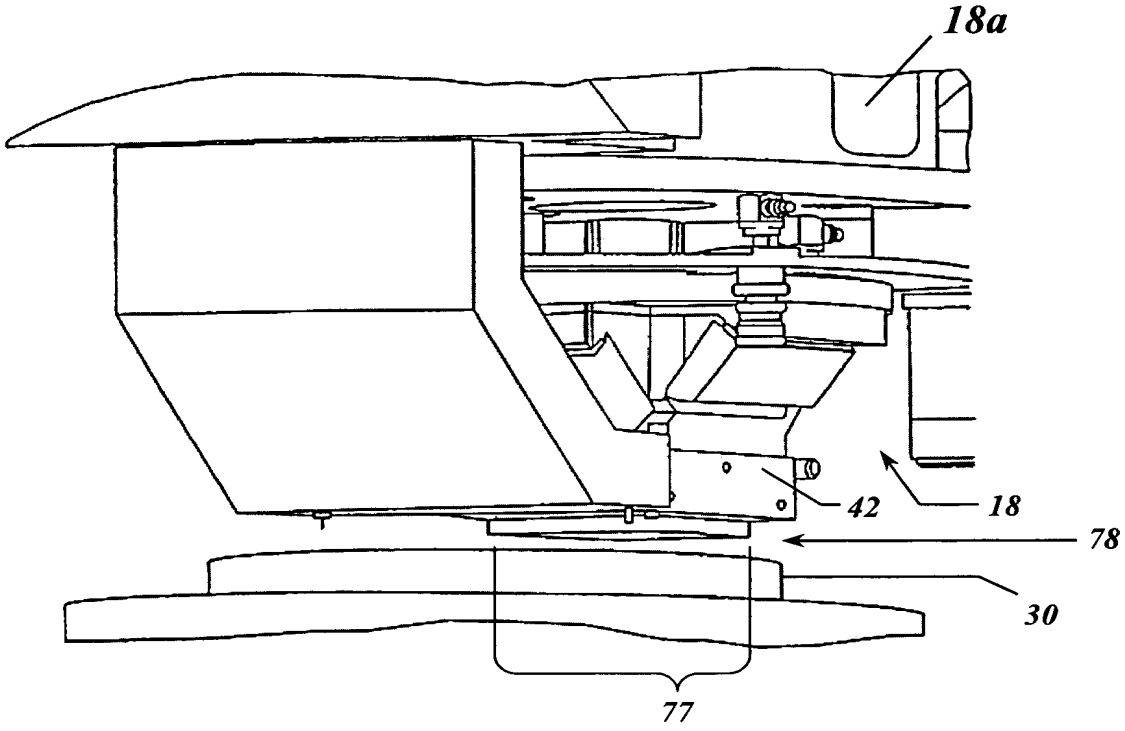

18a
42
18
78
30
77

Fig. 7

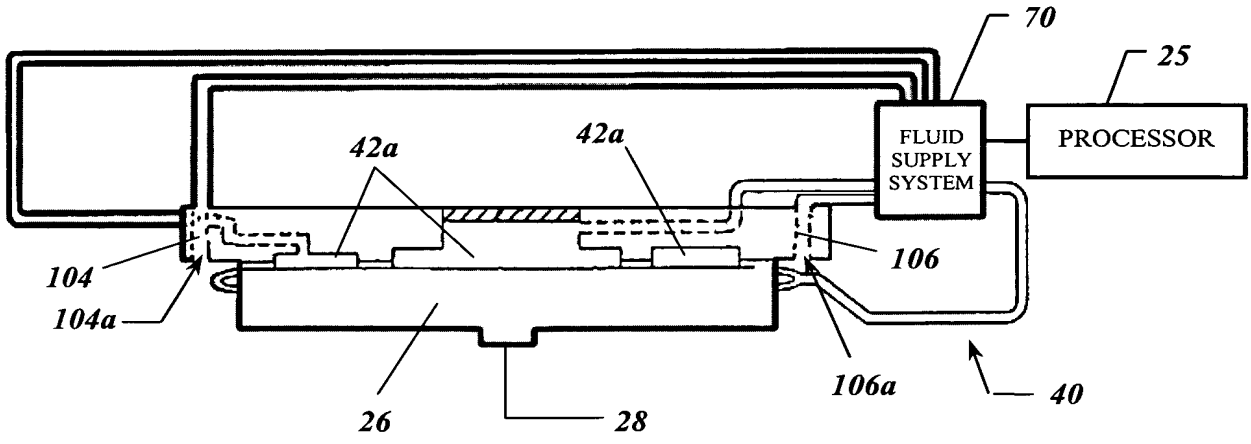
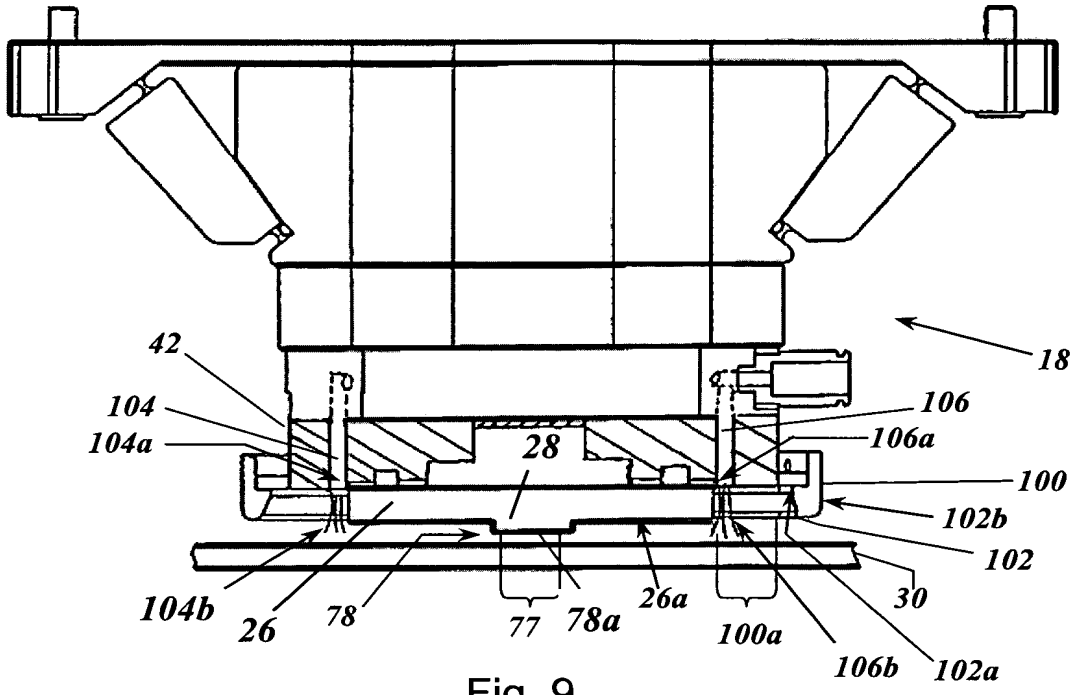

70
25
FLUID SUPPLY SYSTEM
PROCESSOR
42a
42a
104
104a
106
106a
40
26
28

Fig. 8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104
104a
28
18
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106a
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102
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104b
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78a
26a
100a
106b
102a

Fig. 9

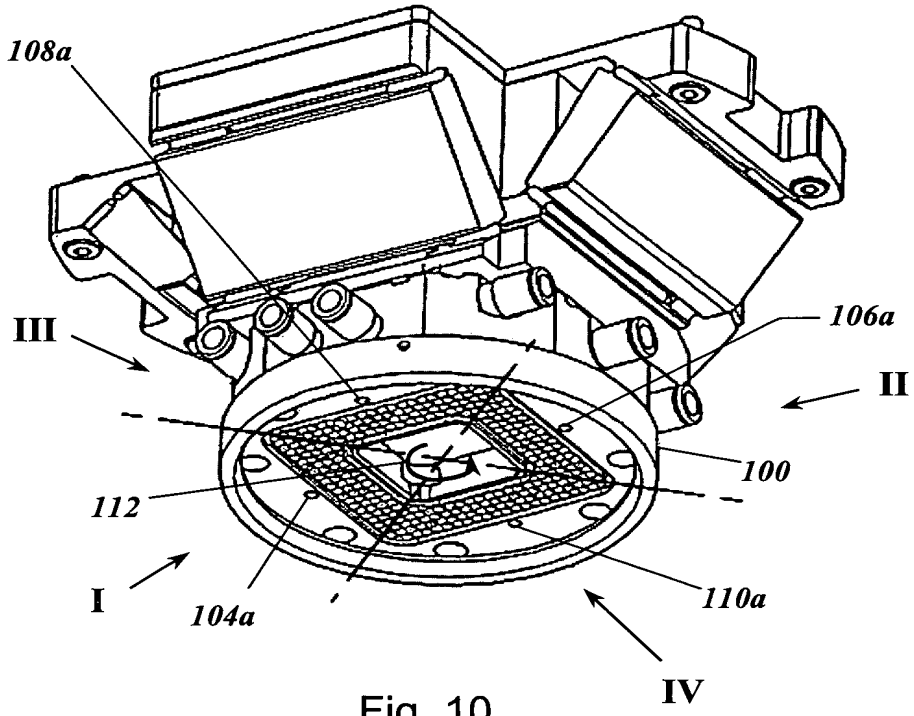
108a
III
106a
II
100
112
I
104a
110a
IV

Fig. 10